

TECHNICAL DATA SHEET

KISO ROOFING BUTYL

Date: 2/6/2016

Version 2

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Product

KISO ROOFING BUTYL is a rubber based preformed extruded butyl tape developed specially for industrial roofing and cladding.

Key Features

- NFRC Class A Certificate
- Independent third party certification by a UKAS accredited laboratory
- 25 Year Warranty
- Excellent movement capability
- Good adhesion to a wide range of substrates
- Provides a water and airtight seal
- Remains flexible throughout service life
- Helps buildings comply with Building Regulations Approved Document Part L Standard

Areas of application

- Sealing side laps in metal roofing
- Sealing end laps in metal roofing
- Sealing around rooflights
- Ridge and eaves sealing
- Sealing foam fillers
- Sealing end laps in metal liners
- Metal flashing joints
- Sealing roof and wall penetrations

Technical Features

	Unit	Nominal Value	Test Method
Compression 50%	kN/m ²	75	KISO 5
Peel Adhesion	N/cm	>15	KISO 13
Strain Peak Force, Fmax	kN/m ²	35	KISO 5
Density	g/cm ³	1,60	DS/ISO 2781A, KISO 2
Needle Penetration (23°C)	dmm	80	ASTM D 5 (adjusted), KISO 1
Service Temperature Range	°C	-30 - +100	
Aged Extension Test (100°C)		No deformation or fracture	KISO 16

KISO - KISO Test Method

Standard Dimensions and Packaging

KISO ROOFING BUTYL is supplied as a preformed tape on a siliconised release paper or film. The product is offered in various dimensions. The number of meter per roll and rolls per carton is determined by product dimensions and customer requirement.

Available colours: Black and grey

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Application

Application temperature: > 5°C (15°C - 25°C recommended)

Surface preparation: All surfaces should be clean, dry and free from dust, grease and loose materials. Propan-2-ol is recommended for cleaning (smooth surfaces). Make sure the surface is allowed to dry prior to application of the butyl tape.

Application: Apply by hand directly from the reel; apply the sealant firmly on one surface. Remove the protection paper and apply the other surface to the butyl strip. Press firmly.

Shelf life: At least 2 years from date of manufacture under cool and dry storage conditions.

Service life: Estimated 50 years.

Disposal: The product is not biodegradable, Dispose of carefully in accordance with local regulations.

Tolerances

Rectangular Profiles:	Width (mm)	Unit	Tolerance (+/-)*
	- 2.5	mm	0.35
	2.6 - 4.0	mm	0.40
	4.1 - 6.3	mm	0.50
	6.4 - 10	mm	0.70
	11 - 16	mm	0.80
	17 - 25	mm	1.00
	26 - 150	mm	2.00

*DIN 7715 T3 class E2

Thickness: +/- 10%*

*DIN 7715 T3 class E1 or better

Round Profiles:

All Diameters: Calculated weight +/- 10%

More information

For further information, please contact our Sales Team or send us an e-mail at kiso@kiso.dk

Note:

The information in this Technical Data Sheet is based on laboratory tests performed at KISO. The Technical Features are to be regarded as target values. Properties quoted are typical and does not constitute a specification nor an explicit or implicit warranty. Due to the large variability in application conditions it is advisable that the product is tested by the user to establish suitability for the intended use.